Accelerator Controls Section
Calibration Test Record: 16 Bit POWER SUPPLY INTERFACE- 94028650
Rev. No.: A
Rev. Date: Friday, January 22, 1999

Board Serial Number_____

Date TestStarted/Complete_____

Test Performed by _____

ACCEPT _____ REJECT _____

Linearity					
Code	Expected	Actual	Code	Expected	Actual
800000h	-10.0000		000000h	0.0000	
8CCC00h	-9.0000		0CCC00h	1.0000	
999900h	-8.0000		199900h	2.0000	
A66600h	-7.0000		266600h	3.0000	
B33300h	-6.0000		333300h	4.0000	
C00000h	-5.0000		400000h	5.0000	
CCCD00h	-4.0000		4CCD00h	6.0000	
D99A00h	-3.0000		599A00h	7.0000	
E66600h	-2.0000		666600h	8.0000	
F33300h	-1.0000		733300h	9.0000	
			7FFF00h	10.0000	
Scaling:					
Code	Jumper =OUT	Jumper = IN		Expected	Actual
066700h	NA	NA		0.5000	
	JP10	JP11		1.0000	
	JP9	JP10		2.0000	
	JP8	JP9		4.0000	
	JP7	JP8		8.0000	
00FF00h	JP6	JP7		2.5000	
	JP5	JP6		5.0000	
	JP3	JP5		10.0000	
4CCD00h	JP11	JP3		6.0000	
4CCD00h	JP13	JP12		3.0000	
	JP14	JP13		1.5000	
	JP15	JP14		0.7500	
	JP12	JP15		NA	
Sec. Input					
PrimaryCode	Jumper=OUT			Expected	Actual
400000h	JP4			5.0000	
Secondary Code					
000000h					
Secondary Code					
0CCC00h				4.0000	
199900h				3.0000	
Full Scale w Scaling					
PS Type:	Input			Expected	Actual
150A	02576Ah			10.0000	
200A	031F38h			10.0000	
300A	04AED4h			10.0000	
450A	07063Eh			10.0000	
600A	095DA8h			10.0000	
2000A	1F3831h			10.0000	